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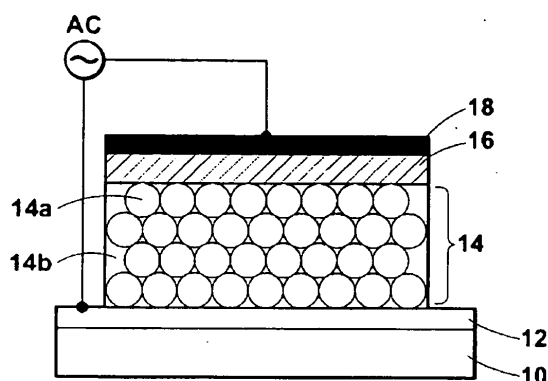
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(54) **AC operating electroluminescence device**

(57) An AC operating electroluminescence device, which has:
a light-emitting layer (14) containing phosphor particles (14a); and
an insulating layer (16) containing an inorganic dielectric substance,
wherein the electroluminescence device is capable of

causing electroluminescence,
wherein a total thickness of the light-emitting layer and the insulating layer is less than 15 μm , and
wherein the electroluminescence device starts light emission when an average field intensity applied between electrodes in the electroluminescence device is 0.05 MV/cm or more.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
EP 04 00 3137

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			C09K H01L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 August 2009	Examiner Doslik, Natasa
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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